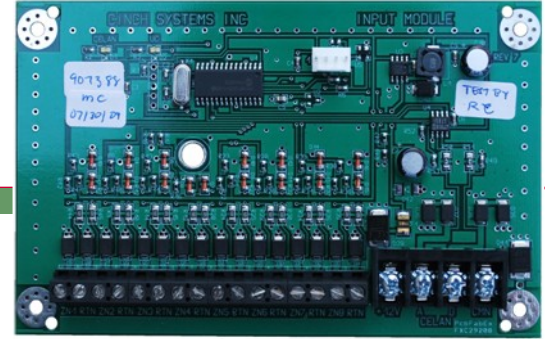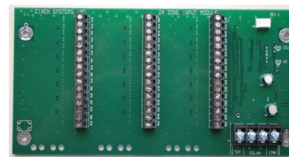# CeLAN
8 Zone Input Module

DS-Ce-8ZI Rev A

The CeLAN 8 Zone Input Module expands the Protector control panel by adding eight hardwire input zones. You can connect multiple modules to a single panel for up to 256 input points.

Both normally open and normally closed devices can be wired to an input module. The module monitors all zones and alerts the panel if any one of five conditions exists; open circuit, short circuit, ground fault high side, ground fault low side and alarm conditions. The circuits use a 3K ohm end of line resistor to monitor each input.

The input module comes with eight 3.0K ohm EOL resistors and mounting hardware for mounting in the protector enclosure, accessory enclosure, or plastic enclosure.

The CeLAN data bus provides fast reliable, encrypted data transfer from the device to the control panel. The CeLAN provides automatic device enrollment upon initial power-up and the ability to assign text labels for easy system

Protector System CeLAN Expansion:

Ce-24ZI provides 24 zones

Ce-8ZI provides 8 zones

Ce-2ZI provides 2 zones

Features

- AES Encrypted CeLAN communications

- Five (5) state zones:
  - Open Circuit
  - Supervised Circuit (3k EOL)
  - Short Circuit
  - Ground Fault High
  - Ground Fault Low

- 'CINCH Stick' Field Upgradeable software

- Includes Accessory Hardware kit

- Mounts inside Protector or Protector Accessory Enclosures,

Ordering Information:

Part # Ce-8ZI, includes eight 3.0K ohm resistors, and mounting hardware

Mounting Considerations:

E-P Protector Enclosure - 3 modules

E-PA Accessory Enclosure - 2 modules (if a Ce-RP with transformer is installed only 1 module will fit)

E-PA-S Small Enclosure - 1 module

E-CP Plastic Enclosure - 1 module

CeLAN 8 Zone Input Module

Specifications

Power Requirements:
Input: 12 VDC (10 VDC min, 14 VDC max)

Output: N/A

Current Draw: 25 mA max

Dimensions: 8.26" x 5.24" (LxW)

Environmental:
  Operation Temp: 32 to 120 F (0 to 49 C)
  Humidity: 90% relative humidity
  Storage Temp: -30 to 140 F (-34 to 60 C)

Inputs: 8 hardwired supervised inputs

CeLAN Devices per System: 100

Supervision: 3K Ohm Resistor

Accessories:
  Large metal enclosure: E-P
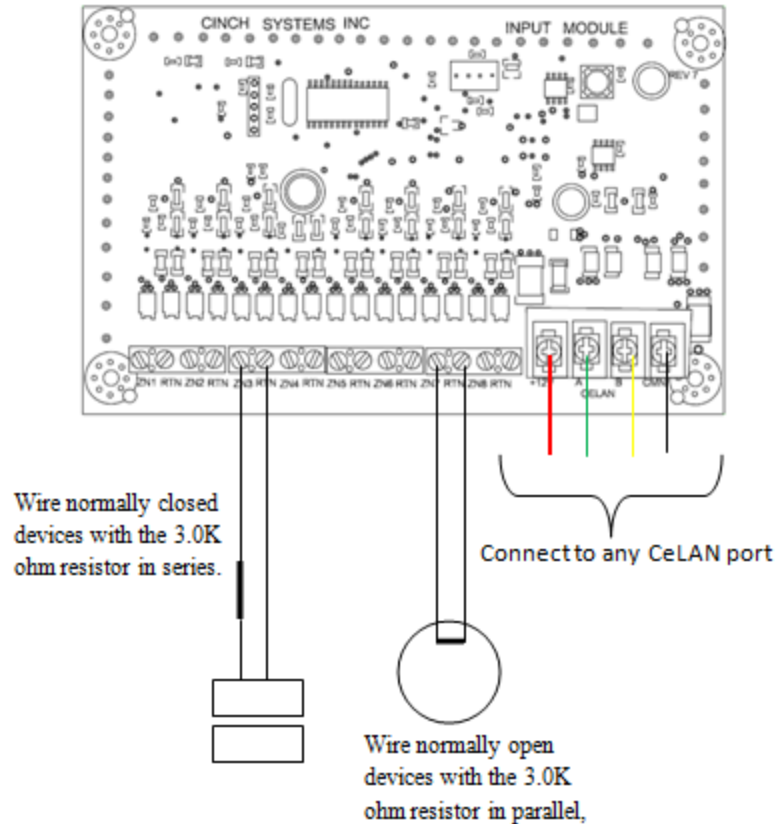 Small metal enclosure: E-PA-S
  Medium metal enclosure: E-PA
  Plastic enclosure: E-CP

Listings:
UL: 1076
FCC: Part 15
FIPS 197

Wire normally closed devices with the 3.0K ohm resistor in series.

Wire normally open devices with the 3.0K ohm resistor in parallel,

Connect to any CeLAN port

Ordering

Control Panel	CeLAN Modules	CeLAN Accessories	Accessories
PCU-IDS Protector Panel	Ce-DS938Z Motion	CO-CSU Cinch Stick	L-M-KD Panel Lock
	Ce-DS308 Motion	CO-PS2KI Keyboard Module	L-M-KA Panel Lock
Touch Screen	Ce-DSISC Motion	CO-T-P Panel Tester	ACC-CFC-S Fiber Cable
Ce-TS Touch Screen	Ce-M3ZS HSS L2 Contact	CO-T-8Z 8 Zone Tester	L-S Standard Panel Lock
	Ce-M1ZRS Recessed Contact	CO-T-4R 4 Relay Tester	ACC-CFC-MM Fiber Cable
Expansion Modules	Ce-1076DRS Recessed Contact	CO-T-Printer Printer Tester	S-ET Panel Tamper
Ce-2ZI 2 Zone Input	Ce-1076HRS Recessed Contact	CO-PRSI Siren Supervision	
Ce-8ZI 8 Zone Input	Ce-U1Z Universal 1 Zone	Ce-EX Expansion Module	**Enclosures**
Ce-4RO 4 Relay Output	Ce-WF2ZI Wellsfargo Contact		E-P Panel Enclosure
Ce-24ZI 24 Zone Input	Ce-U2Z Universal 2 Zone	**Power**	E-P-Kit
		ACC-24T-100 Transformer	E-CP Plastic Enclosure
Comm Modules	**Receivers**	ACC-B12-18 18Ahr Battery	E-PA Accessory Enclosure
Ce-FC-N Fiber Conversion	Ce-AESR-IDS AES Receiver	ACC-B12-7 7Ahr Battery	E-PA-Kit
Ce-TCP/IP Network Module		ACC-6P Power Cord	E-PA-S Small Accessory Enclosure
Ce-FC-ER Fiber Conversion		E-CB Termination Box	E-PA-S-Kit

For more information: www.cinchsystems.com

SECURITY UL LISTED

CiNCH AES ENCRYPTED